

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A mobile communication system comprising a radio base station controller for performing at least a radio line control and a resource control for ~~said a~~ radio base station, and at least a radio line control, a resource control and a bearer control for a mobile terminal, wherein said radio base station controller comprises control means for controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station, the information being based on a comparison result between a value of a radio quality and ~~at least three~~ preset thresholds including a first threshold, a second threshold and a third threshold.

2. (Previously Presented) The mobile communication system according to claim 1, wherein said radio base station comprises means for measuring the radio quality between said mobile terminal and it, and means for notifying the information regarding said amount of interference.

3. (Original) The mobile communication system according to claim 1, wherein said control means makes the communication by maximizing said communication quality when said amount of interference is small, and requests either said radio base station or said mobile terminal to degrade said communication quality when said amount of interference is large.

4. (Currently Amended) A mobile communication system comprising a radio base station controller for performing at least a radio line control and a resource control for ~~said a~~ radio base station, and at least a radio line control, a resource control and a bearer control for a mobile terminal,

wherein said radio base station controller comprises control means for controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station,

wherein said control means makes the high quality communication by maximizing a bearer required quality of said mobile terminal when said amount of interference is relatively small, and requests to degrade said bearer required quality to a needed minimum level in the order from the mobile terminal of lower service class during communication when said amount of interference is larger due to an increased number of users.

5. (Original) The mobile communication system according to claim 1, wherein power control with said communication quality is made in at least one of an upline and a downline between said radio base station and said mobile terminal.

6. (Currently Amended) A radio base station controller for performing at least a radio line control and a resource control for ~~said a~~ radio base station, and at least a radio line control, a resource control and a bearer control for a mobile terminal,

wherein said radio base station controller comprises control means for controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station, the information being based on a comparison result between a value of a radio quality and ~~at least three~~ preset thresholds including a first threshold, a second threshold and a third threshold.

7. (Original) The radio base station controller according to claim 6, wherein said control means makes the communication by maximizing said communication quality when said amount of interference is small, and requests either said radio base station or said mobile terminal to degrade said communication quality when said amount of interference is large.

8. (Currently Amended) A radio base station controller for performing at least a radio line control and a resource control for ~~said a~~ radio base station, and at least a radio line control, a resource control and a bearer control for a mobile terminal,

wherein said radio base station controller comprises control means for controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station,

wherein said control means makes the high quality communication by maximizing a bearer required quality of said mobile terminal when said amount of interference is relatively small, and requests to degrade said bearer required quality to a needed minimum level in the order from the mobile terminal of lower service class during communication when said amount of interference is larger due to an increased number of users.

9. (Original) The radio base station controller according to claim 6, wherein power control with said communication quality is made in at least one of an upline and a downline between said radio base station and said mobile terminal.

10. (Currently Amended) A transmitting and receiving power control method for use in a mobile communication system comprising a radio base station controller for performing at least a radio line control and a resource control for said a radio base station, and at least a radio line control, a resource control and a bearer control for a mobile terminal, said method comprising, on the side of said radio base station controller,

a step of controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station, the information being based on a comparison result between a value of a radio quality and ~~at least three~~ preset thresholds including a first threshold, a second threshold and a third threshold.

11. (Previously Presented) The transmitting and receiving power control method according to claim 10, wherein said method comprises a step of measuring the radio quality between said mobile terminal and said radio base station, and a step of notifying the information regarding said amount of interference.

12. (Original) The transmitting and receiving power control method according to claim 10, wherein said step of controlling the communication quality comprises making the communication by maximizing said communication quality when said amount of interference is small, and requesting either said radio base station or said mobile terminal to degrade said communication quality when said amount of interference is large.

13. (Currently Amended) A transmitting and receiving power control method for use in a mobile communication system comprising a radio base station controller for performing at least a radio line control and a resource control for ~~said a~~ radio base station, and at least a radio line control, a resource control and a bearer control for a mobile terminal, said method comprising, on the side of said radio base station controller,

a step of controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station,

wherein said step of controlling the communication quality comprises making the high quality communication by maximizing a bearer required quality of said mobile terminal when said amount of interference is relatively small, and requesting to degrade said bearer required quality to a needed minimum level in the order from the mobile terminal of lower service class during communication when said amount of interference is larger due to an increased number of users.

14. (Original) The transmitting and receiving power control method according to claim 10, wherein power control with said communication quality is made in at least one of an upline and a downline between said radio base station and said mobile terminal.